

Upper Neuse River Basin - Falls Lake Watershed - Wetland and Riparian Area Restoration and Protection Plan

Restoration Plan Database: Crystal Reports of Individual Plan Summaries

I. BASIC PLAN DATA

Plan name:

Upper Neuse River Basin - Falls Lake Watershed - Wetland and Riparian Area Restoration and Protection Plan

Brief description of plan:

The Upper Neuse River Watershed includes eight public water supply reservoirs that currently provide high quality water for an estimated 450,000 people. In addition, lakes and streams in the watershed provide important recreational opportunities and abundant fish and wildlife for the region. With some water resources stressed and with the watershed's population projected to increase by 90,000 in the next two decades, proper management will be increasingly complex, expensive and challenging. The plan will be used by local governments to comply with various environmental regulations, protect water quality, provide for flood loss protection, and recreational opportunities through the protection and restoration of ecologically significant wetlands and riparian areas.

Region the plan is located within:

South-Atlantic Region

Watershed(s) included within the plan:

S020b

Area plan covers (in square miles):

770.00 square miles

Plan scale:

State

Plan's lead organization(s):

North Carolina Department of Environment and Natural Resources

Plan's Main Contact Information:

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On-line version of plan:

Date of original plan:

7/2001

II. TECHNICAL INFORMATION

Plan includes restoration goals: Y

Level of detail of the goals:

G

Summary of the goals:

The goals and objectives are to inventory existing wetland and riparian area resources within the upper Neuse River Basin (Falls Lake Watershed) and conduct a GIS-based functional assessment of these resources, identify wetland restoration sites and other water quality sensitive areas using the basin-wide management plans and other existing data, inventory existing local government policies and ordinances to protect existing resources and potential restoration areas, create a database and corresponding maps to show the location of wetland and other water resource areas overlaid with local, state and federal government jurisdictions, design an action strategy for protection and restoration of wetland resources and for enhancement and protection of the water supply using both point and non-point source reduction strategies to be implemented, develop and implement a public education and community outreach program to foster understanding of the importance of protecting wetlands and other water resources and to provide information for individuals so that they may contribute to the protection of water quality, establish a system of monitoring and evaluation to ensure compliances with all federal and state water quality standards, and identification of priority restoration projects which will be implemented.

Plan recommends or uses criteria for selecting restoration sites (e.g. cost benefit ratio, ecological benefits):

Y

Summary of the criteria:

Baseline biological information has been gathered and the NCWRP and other Upper Neuse River Basin Association members will be prioritizing action strategies based on this data.

Plan recommends restoration of specific project sites:

N

Plan includes a discussion of funding sources:

Y

Plan addresses long-term protection of restored sites:

N

Partners included in developing the plan:

Federal
State
Port Authorities/Commissions

Type(s) of public outreach included during plan development:

Information not available

Plan includes public outreach as part of plan implementation (e.g. annual public meeting, local group participation):

Y

Plan discusses the application of innovative approaches to restoration:

Plan make use of GIS mapping capabilities:

Y

Plan addresses monitoring/reference sites for ecosystem level monitoring (baseline conditions) by:

N

Plan addresses monitoring/reference sites for project level monitoring by:

N

The plan discusses or coordinates with other restoration plans covering the same geographic area:

N

Other plan names:

Plan contains detailed information on historic and/or current habitat size, rate of loss, acres restored or protected, etc.):

Y

Summary of this habitat information:

This plan contains information on permitted wetland losses, permitted stream alterations, wetland and riparian area species information, and characteristics of targeted watershed and subbasins.